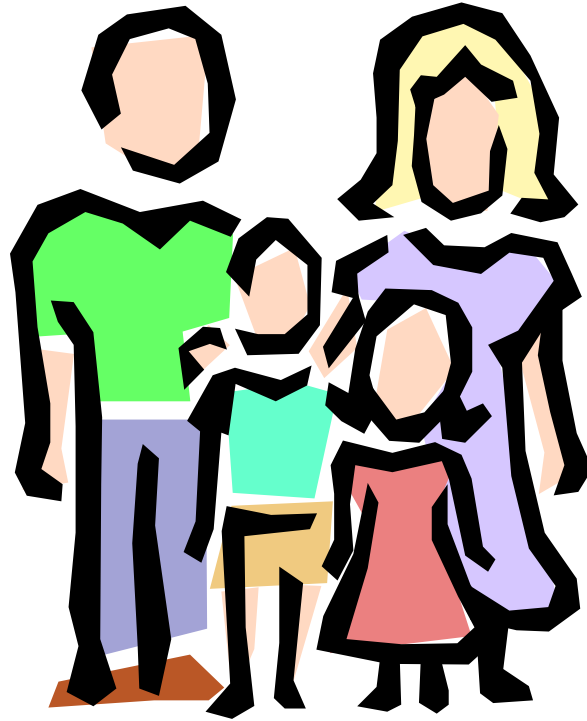


The FSSA Data Warehouse



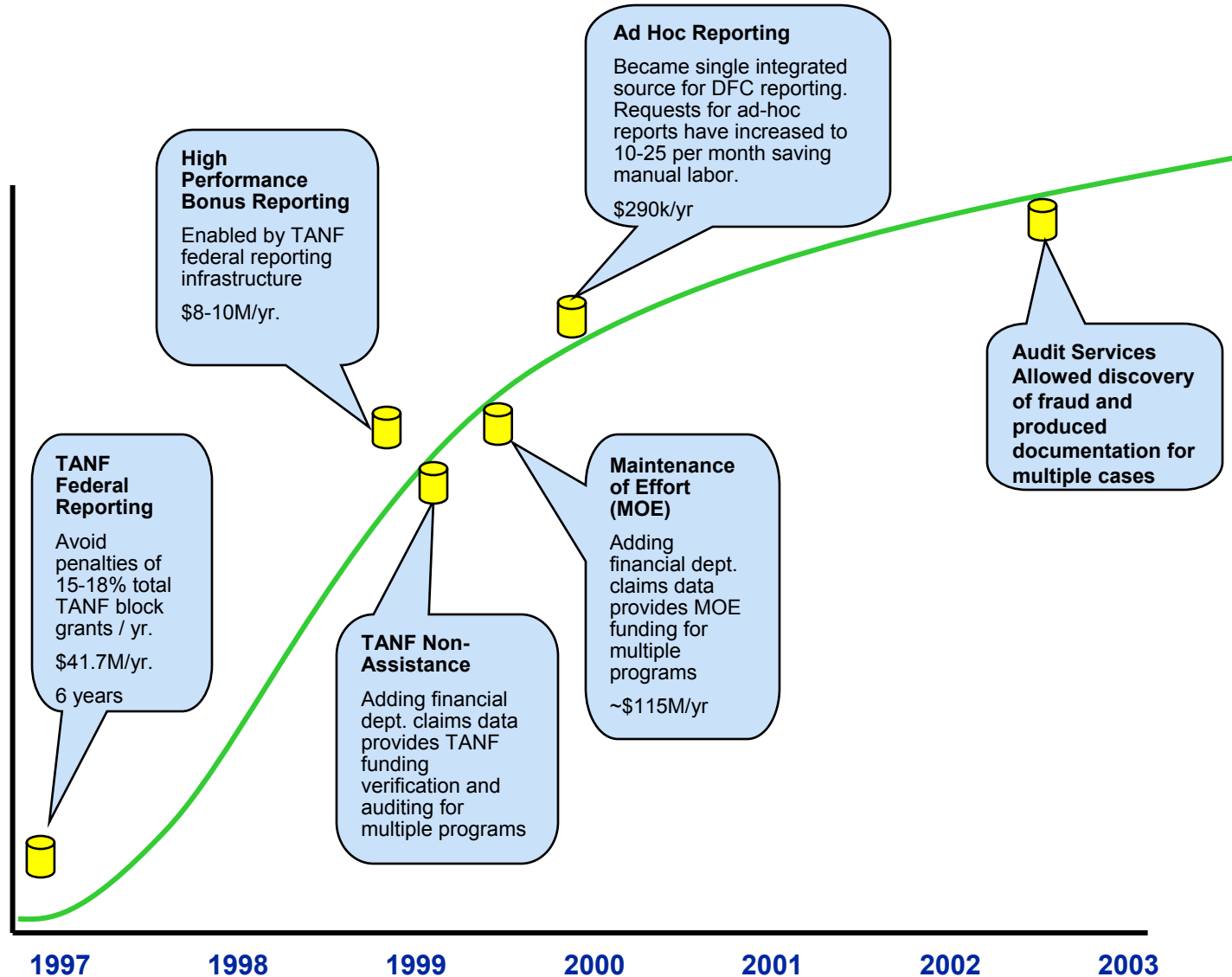
FSSA Data Warehouse

The FSSA established a Data Warehouse in 1997 to facilitate the production and submission of the Department of Health and Human Services (HHS) mandated TANF reports and later the High Performance Bonus Report.

The Data Warehouse has evolved over the past 8 years and currently contains 7-8 years of historical data. It has data from more than 20 source systems and has become the main source for integrated data within DFC and FSSA.

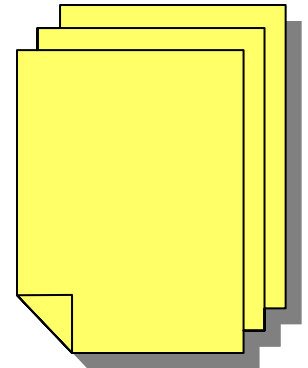
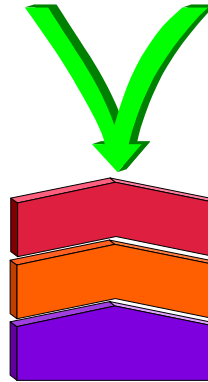
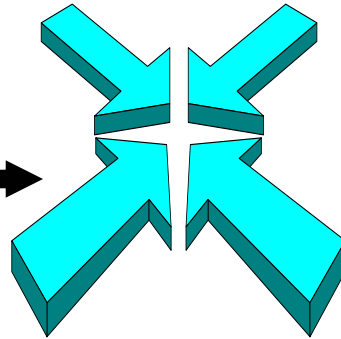
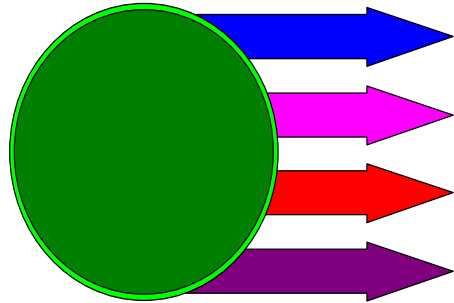
The integrated data allows DFC to identify people and families using services across programs, evaluate program effectiveness, and monitor progress over time.

Data Warehouse History



Data Warehouse Process

Data Flow



**Extract Legacy
Data**

**Match People
Across Programs**

**Populate
Data
Repository**

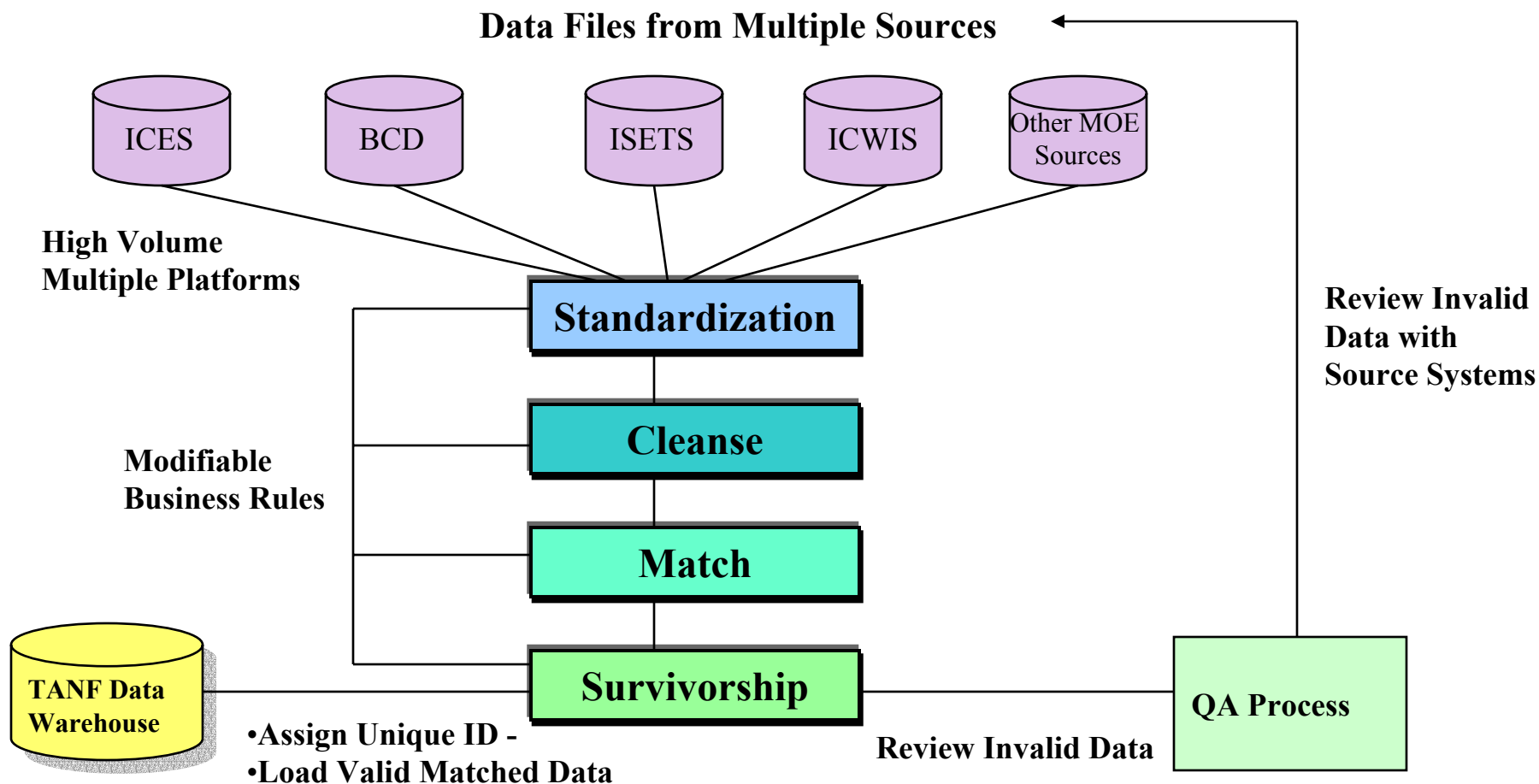
**Develop Reports
and Ad Hoc
queries**

Extract Legacy Data

Current Source Systems (Multiple platforms & data formats):

- **Indiana Client Eligibility System (ICES)**
- **Indiana Support Enforcement Tracking System (ISETS)**
- **Indiana Child Welfare Information System (ICWIS)**
- **Bureau of Child Development (BCD)**
- **Textbook Reimbursement Program**
- **Healthy Families**
- **Individual Development Accounts (IDA)**
- **Children's Choice**
- **Emergency Assistance**
- **State Student Assistance Commission of Indiana Part-Time Grant Program**
- **Assisted Guardianships**
- **Fatherhood Initiative**
- **Vocational Rehabilitation**
- **First Steps**
- **Family Planning**
- **Earned Income Tax Credit**
- **Low Income Home Energy Assistance Program**
- **Department of Workforce Development**
- **Gambling Addiction**
- **Impact (JOBS)**

Match People Across Programs



Data cleansing process ensures consistency in information from different sources about families and people using unique probabilistic methods

Populate DW Repository

Integrated Database Repository



Demographic Data

Age, gender, race, ethnicity, education, family, county



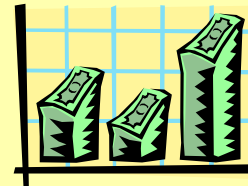
Case Management Data

Information about people and families receiving services or benefits from multiple State agencies



Eligibility Data

TANF, Food Stamp, Medicaid, MOE,



Financial Data

Provides information to facilitate transfer of funds between State Programs

Develop Reports and Ad-hoc Queries

- **Federal Reports**

- Section 1 - Disaggregate TANF Family
- Section 2 - Closed Cases TANF Family
- Section 3 - Aggregate TANF Family

- **High Performance Bonus Reports**

- Medicaid/Schip
- Work Measures

- **Budgeting Reports**

- ACF-196 Financial Report
- ACF-204 Report on MOE Programs
- ACF-202 Caseload Reduction

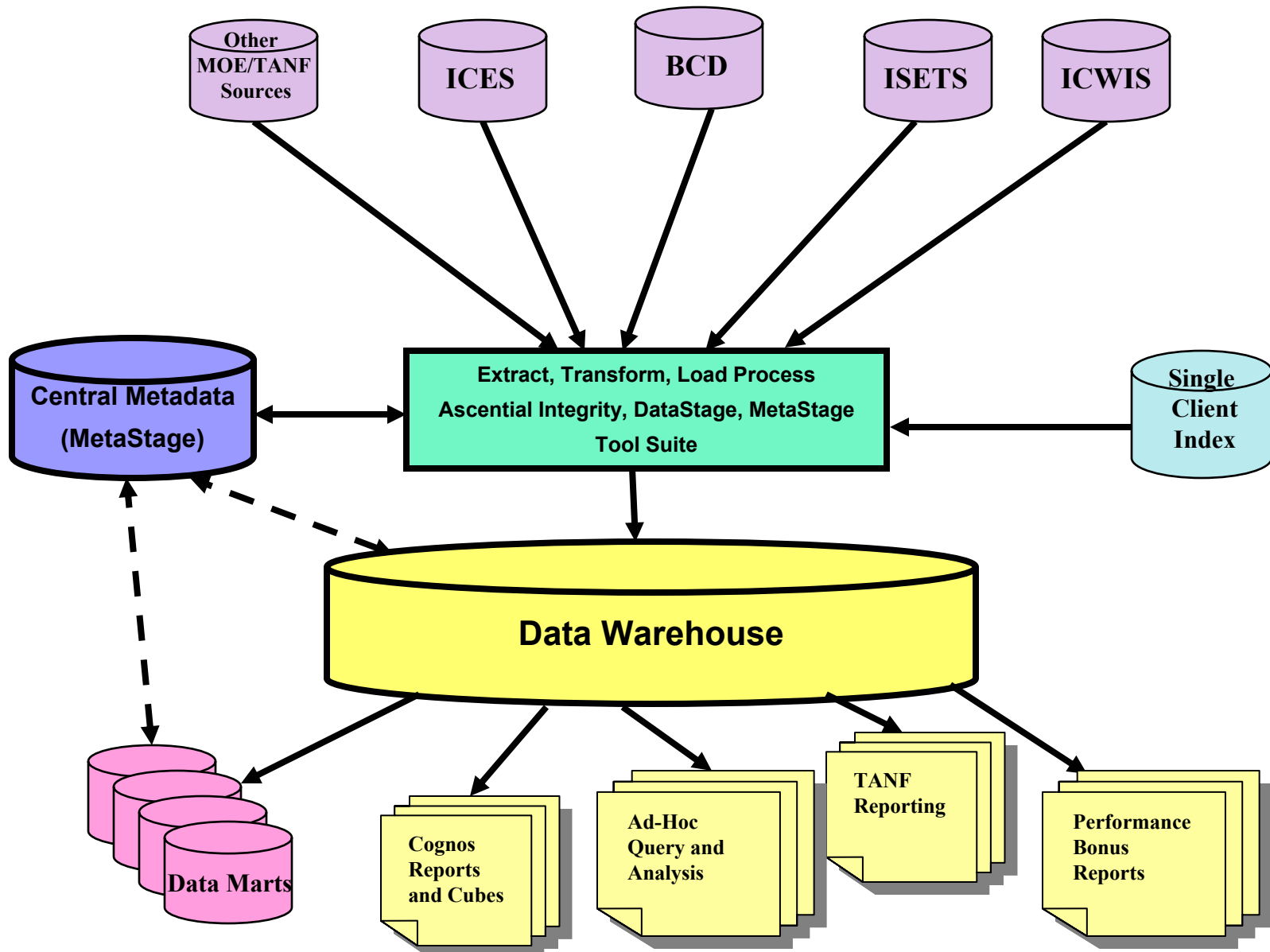
- **Ad-hoc Reporting for MOE**

- HFI CPS Report
- First Steps Analysis Cubes and Reports
- First Steps CPR Web Reports
- First Steps Federal Reports
- DOE Textbook Reporting

- **Queries and Cognos Reports**

- Work Participation
- Impact Earnings
- EITC Research Cube
- County Job Retention & Earnings Cube and Reports
- General R & S Data Cube
- 10+ special Business need Queries per month

Data Warehouse Process



Data Warehouse Successes

- **Track, Report and Audit complete family data for TANF Families as required by HHS.**
- *FSSA claims data collecting and reporting allowed us to claim approximately \$110 million per year via the Maintenance Of Effort (MOE) process.*
- **The High Performance Bonus reporting requirements led to a reward of \$8-10 million per year for 6 years. This allowed Policy to put more aid where needed in the community.**
- *The Textbook Reimbursement program in conjunction with the Department of Education saved approximately \$17 million per year for 3 years for a total of \$51 million by matching TANF Recipients to State textbook payments and receiving Federal reimbursement for the cost of books.*
- **The shared Data Warehousing environment approach saved over \$1.6 million of state and federal funding by making the environment available to serve multiple project groups from a central data repository rather each project group investing in their own independent data warehousing and reporting system.**
- *The Warehouse incorporated the Statewide client ID across participating Agencies allowing the State to get a family or provider view of the services.*

Data Warehouse

- **The Data Warehouse has successfully supported the increased needs of the State over the past eight years**
- **The need for growth continues however, as the desire for more integrated data increases**
- **The Data Warehouse has software and tools in place to provide the functionality needed to support new enterprise Data Warehouse projects**
- **The future capabilities of the Data Warehouse can be expanded to include other programs and agencies**